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## Grid and Photovoltaic Powered Pumping Systems

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Deadline for manuscript  
submissions:

**1 September 2022**

### Message from the Guest Editors

This Special Issue focuses on the theory and practice of all types of regular and solar-powered pumping systems. We invite papers on novel methods, innovative technology approaches, analytical models, reviews, and case studies. The area includes but is not limited to the following topics:

- Technical, economic, and environmental assessment of grid and solar-powered applications of pumping systems (including domestic, community, and industrial);
- Novel methods and innovative approaches of power conversion and optimization for both conventional and solar powered pumping systems (theory with modeling and/or practice with implementations and case studies);
- Solar energy management models for pumping systems, forecasting, and optimization techniques;
- Optimization techniques for control strategies including speed, throttling, and bypass methods;
- Batteries and photovoltaic arrays for solar power usage in pumping applications.



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**Special Issue**



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## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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